

PATENT

Serial No. 09/817,457

Amendment in Reply to Advisory Action of August 8, 2005

IN THE ABSTRACT

Please amend the Abstract as shown in the enclosed Replacement  
Abstract.

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REPLACEMENT ABSTRACT

~~The~~ The invention relates to a wireless network defined as a group of wireless terminals and an assigned central station. After receiving requests for the wireless transmission of packets between a transmitting and a receiving terminal during a time multiplex frame, the central station assigns time slots within a following time multiplex frame for the transmission of packets from transmitting to receiving terminals. After reception of all the transmission requests, the central station determines a first subset of the group that intend to transmit to receiving terminals, and a second subset containing all transmitting terminals (of the group) that are not contained in the first ~~group~~ subset. An order in which the transmitting terminals of the first subset will transmit is determined in accordance with the decreasing number of receiving terminals assigned to each transmitting terminal. The receiving terminals of the first subset are subdivided into a first group, and into a second group where the second group contains all the receiving terminals not contained in the first group, and the receiving terminals of the second group are selected for reception first in ~~time~~ time.